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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/566,176	09/27/2006	Taikyu Fujita	Q92942	5740		
23373	7590	09/23/2008	EXAMINER			
SUGHRUE MION, PLLC			COONEY, JOHN M			
2100 PENNSYLVANIA AVENUE, N.W.			ART UNIT			
SUITE 800			PAPER NUMBER			
WASHINGTON, DC 20037			1796			
MAIL DATE		DELIVERY MODE				
09/23/2008		PAPER				

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/566,176	FUJITA, TAIKYU	
	<b>Examiner</b>	<b>Art Unit</b>	
	John Cooney	1796	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on \_\_\_\_.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 1-9 is/are pending in the application.
  - 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_ is/are allowed.
- 6) Claim(s) 1-9 is/are rejected.
- 7) Claim(s) \_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.
 

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. ____ .                                     |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>20060927, 20060127</u> .                                      | 6) <input type="checkbox"/> Other: ____ .                         |

***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 7-8 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Applicants' claim is confusing as to intent because the term "like", when appended to an otherwise definite expression, so extends the scope of the expression as to render it objectionably indefinite.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by JP-7-156,162.

JP-'162 discloses methods for preparing hard/energy absorbing molded polyurethane foam products having aspect ratios meeting the ranges of values of applicants' claims wherein polyols and silicon stabilizers as claimed are employed (see abstract, as well as, the entire document). Additionally, applicants' claims do not

distinguish over the materials disclosed by JP-‘162 based on the recitation of the term “sheet-like” without specific distinguishing dimensional parameters being set forth.

Claims 1-7 and 9 are rejected under 35 U.S.C. 102(b) as being anticipated by JP-7-169,036.

JP-‘036 discloses methods for preparing hard/energy absorbing molded polyurethane foam products having aspect ratios meeting the ranges of values of applicants’ claims wherein polyols and silicon stabilizers as claimed are employed (see abstract, as well as, the entire document). Additionally, applicants’ claims do not distinguish over the materials disclosed by JP-‘036 based on the recitation of the term “sheet-like” without specific distinguishing dimensional parameters being set forth.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP-‘162 as applied to claims 1-7 and 9 above, and further in view of JP-11-35654.

JP-‘162 differs from applicants’ claims in that it does not particularly require the formation of sheets as claimed by applicants. However, JP-‘654 discloses that

polyurethane foam materials may be formed into sheets having thicknesses in the ranges of values of the instant claims for purposes of forming thin, durable, soundproofed articles (see abstract, as well as, the entire document). Accordingly, it would have been obvious for one having ordinary skill in the art to have formed the materials of JP-'162 into sheets in the manner disclosed by JP-'654 for the purpose of forming thin, durable, soundproofing articles in order to arrive at the processes of applicants' claims with the expectation of success in the absence of a showing of new or unexpected results.

Claims 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over JP-'036 as applied to claims 1-7 and 9 above, and further in view of JP-11-35654.

JP-'036 differs from applicants' claims in that it does not particularly require the formation of sheets as claimed by applicants. However, JP-'654 discloses that polyurethane foam materials may be formed into sheets having thicknesses in the ranges of values of the instant claims for purposes of forming thin, durable, soundproofed articles (see abstract, as well as, the entire document). Accordingly, it would have been obvious for one having ordinary skill in the art to have formed the materials of JP-'036 into sheets in the manner disclosed by JP-'654 for the purpose of forming thin, durable, soundproofing articles in order to arrive at the processes of applicants' claims with the expectation of success in the absence of a showing of new or unexpected results.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Klesczewski et al., Everitt et al., and Fishback et al. are cited for their disclosure of relevant polyurethane compositions in the art .

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John Cooney whose telephone number is 571-272-1070. The examiner can normally be reached on M-F from 9 to 6.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Seidleck, can be reached on 571-272-1078. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/John Cooney/

Primary Examiner, Art Unit 1796